

# SMOKE SIGNALS

*For Radio Amateurs • By Radio Amateurs*

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## PRB-1 drafted for codification in Wisconsin

PRB-1, the FCC's Doctrine of Limited Preemption over regulation of Amateur Radio towers, has been drafted for introduction in the Assembly by Rep. Joan Wade (R-Montello).

This will be the second attempt to codify PRB-1 in Wisconsin. Twelve other states have already made PRB-1 law.

The bill will probably be introduced on the Assembly floor by the time you read this. The number of the legislation currently is LRB-2772/1. After introduction, it will get its formal AB number, and then it will be referred to a committee.

Rep. Wade, at the time this is being written, is seeking a sponsor for a companion bill in the Senate.

It is early yet, but co-sponsors are being sought and are important for this bill. Both Assemblypersons and Senators can sign onto a bill in either chamber as a co-sponsor.

Co-sponsors at this writing include Senators Cowles, Schultz, and Grobschmidt, and Representatives Schneider, Starzyk, Loeffelhoez, Seratti, Townsend, Albers, Olsen, and Plouff.

More information may be found at [www.bsss.org](http://www.bsss.org), and a link is there as well to the state web site, where people interested in supporting the effort can look up their Repre-



Rep. Joan Wade

sentative and Senator. Comments may be sent by regular mail, email, and if you know your people in the statehouse, by speaking in person. If the latter is done, it should be followed up by written comment.

*Please see update story on page 9.*

## SPECIAL EVENT STATION N4WIS/USS WISCONSIN

## How do you measure success?

By Bus Etheridge, K4IX

The Special Event operation of N4WIS for a whole week began the day after Easter. On that day, with a parade, a Navy band playing, short speeches by the mayor and other dignitaries, an assembly of shipmates who served aboard the Battleship Wisconsin ready to march up the gangway, with a group of Pearl Harbor Survivors present, with the turning of a ship's wheel, Nauticus and the ship were opened to the public.

Nauticus National Maritime Center in Norfolk, Virginia is the entrance for boarding the great warship. Nauticus had been closed to the public for about four months while being renovated. A huge gangway weighing 10,000 pounds had been lifted into place to bridge across from the second floor of Nauticus to the main deck of USS Wisconsin. On April 16th, Nauticus reopened and the ship was opened to the public. Literally thousands passed through Nauticus for a deck tour of the ship.

Members of the USS Wisconsin Radio Club had prepared well ahead for this event. We had masts mounted on the roof of

Nauticus holding an assortment of HF antennas to cover most of the bands and a two meter ground-plane antenna was mounted outside on a pole on a balcony next to our station for local coverage. In December we only had a few days to hastily prepare for the Special Event. This time there was plenty of time so our preparations were more complete. We were up and running early on that first morning with one HF CW station and one HF SSB station plus the two meter station working locals through a nearby repeater with good coverage.

Going back to the question, how do you measure success? In December with very short notice we had a very successful run if measured by number of contacts. At that time there were nearly 2000 contacts, phone, CW, RTTY, PSK, and GPS. In April we had miserable propagation conditions following a major solar flare. We called CQ a lot and had some response. However, for most of the week, band conditions were rather poor.

*Please turn to page 6*

## Mississippi flooding brings Amateur Radio support



Walt Altus, AA9AW, worked with Town of Campbell Emergency Government Director Gary Simenson, keeping that EOC in contact with the La Crosse County EOC and the National Weather Service.

*Photo courtesy Tom O'Brien, WB9BJQ*

With a crest second only to the all-time flood level record of 1965, the Mississippi River proved again that when nature wants her way, she gets it.

At least nine Wisconsin counties have been declared disaster areas by Governor Scott McCallum.

In La Crosse County, radio amateurs were working in the county Emergency Operating Center, the Town of Campbell EOC, and at the National Weather Service. La Crosse County EC Tom O'Brien, WB9-

*Please turn to page 4*

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# WHAT'S HAPPENING

Swapfests and Other Social Events — Club Meetings  
Amateur Radio Exam Schedules

Edited by Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901 —kebneter@palacenet.net

## Swapfests And Other Social Events

SUNDAY, MAY 6, 2001 DeKalb Hamfest 8 a.m. to 1 p.m. Sandwich Fairgrounds, Sandwich, IL Talkin on KARC Repeater 146.73 -offset or 146.52 simplex. Info: Bob Yurs, W9ICU. 815.895.3310 Email w9icu@home.com Web: <http://tbcnet.com/~jleonard/hamfest.htm>

MAY 17 to 20 DAYTON HAMVENTION® Dayton, Ohio Mark Liebelt, W9LTA, is putting a charter bus trip, to leave from the Adams/Mauston area. Call Mark at 608.339.9090 or Email mleibelt@maqs.net (From a news release)

SATURDAY, JUNE 2, 2001 Springfield, IL. Contact: [www.w9dua.net](http://www.w9dua.net)

SATURDAY, JUNE 9, 2001 Eau Claire Amateur Radio Club Hamfest 2001 Information: Jim Staatz, KG9RA P.O. Box 1867, Eau Claire WI 54702-1867 Web: <http://www.ecarc.org> Email: w9eau@ecarc.org

SUNDAY, JUNE 10, 2001 44th Annual Hamfest Six Meter Club of Chicago DuPage County Fairgrounds Wheaton, Illinois - Gates open at 7 a.m. 24-hour Infoline: 708.442.4961

SATURDAY, JULY 7, 2001 Swapfest 01 South Milwaukee Amateur Radio Club American Legion Park, Oak Creek Info: Verne at (414) 762-3235

SUNDAY, JULY 8, 2001. Will County Fairgrounds, Peotone, IL. Contact: karsfest@yahoo.com or [www.w9az.com](http://www.w9az.com).

SATURDAY, AUGUST 11, 2001 Circus City Swapfest Sauk County Fairgrounds, Baraboo, WI 7 a.m. until noon Info: Steve, N9UDO, 608.356.2313 or mailto: n9udo@arri.net or Bill, N9KXX, 608.643.6908 days or 608.643.6453 evenings. Web: <http://www.qsl.net/ytarc>

SUNDAY, AUGUST 26, 2001, Bollingbrook ARS, Joliet, IL. Contact: Bolingbrook ARS, PO Box 1009 Bollingbrook, IL 60440.

SEPTWEMBER 14-16 2001, Peoria Superfest 2001, Exposition Gardens Fairgrounds, Peoria, IL. Contact <http://www.w9uvi.org>

SATURDAY and SUNDAY, SEPTEMBER 22 and 23 Radio Expo 2001 Sponsored by Chicago FM Club Lake County Fairgrounds, Grayslake, IL Info: 630.628.1501 Web: <http://www.chicagofmclub.org>

SATURDAY, OCTOBER 7, 2001, Decatur, IL. Contact: Spence Carter, N9LVW (21) 423-2095.

SUNDAY, NOVEMBER 4, 2001, Davenport, IA. Contact: <http://www.gwld.com/hamfest>.

SATURDAY, JANUARY 5, 2002 30th Annual

Mid-Winter Swapfest Sponsored by West Allis Radio Amateur Club Waukesha County Expo Center Forum 8 a.m. to 2 p.m. Info: Phil Gural, W9NAW, 414.425.3649 Web: <http://www.WARAC.org>

As a service to our readers, this section is available without charge to list your upcoming swapfest, hamfest, dinner, picnic, party or other event of interest to Radio Amateurs in Wisconsin and nearby areas. Send information on your event to [kebneter@palacenet.net](mailto:kebneter@palacenet.net).



## CLUB MEETINGS

Due to space limitations, we cannot carry the complete listing of club meetings times and locations every month. Please see last month's issue of BSSS for the latest complete listing. There have been no changes reported to BSSS since that listing. If you have any additions or changes to the listing please contact Ken Ebnetter, K9EN at the address shown on this page.

## The Test Point



Amateur Radio Examination Locations and Schedules in the Wisconsin Area

## Badger State Smoke Signals

### Amateur Radio Education and Information

CHAIRMAN: Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, WI 53901. Telephone (608) 742-3560. [kebneter@palacenet.net](mailto:kebneter@palacenet.net)

EDITOR: Jim Romelfanger, K9ZZ, 412½ Ash Street, Baraboo, WI 53913. Telephone (608) 356-4031. [smokesigs@baraboo.com](mailto:smokesigs@baraboo.com)

TREASURER: Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901.

EDITORIAL BOARD: Ken Ebnetter, K9EN; Don Even-son, K9JYX; Jim Romelfanger, K9ZZ.

### Subscription Rate

1 year (12 issues) \$13.95

Subscription form is on page 5. Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

### When to Send It

The closing date for each issue is the first of the month for the next month's issue. For example, the closing date for the June issue is May 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

### Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebnetter.

Editorial material, photographs, and feature articles should be sent to Jim Romelfanger.

Inquiries about advertising should be directed to Ken Ebnetter.

Club, swapfest, and Test Point information should be sent to Ken Ebnetter.

Swapfest ADS should be sent to Jim Romelfanger NO LATER THAN EIGHT WEEKS BEFORE THE EVENT'S DATE.

Subscriptions should be sent, with check or money order, to Ken Ebnetter.

### Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*. THIS CREDIT IS MANDATORY, AND NO MATERIAL MAY BE PRINTED OR POSTED UNLESS IT IS GIVEN.

This newspaper is produced by volunteer radio amateurs, and is non-profit. This newspaper is mailed from Portage, WI 53901.

*Badger State Smoke Signals* is incorporated as a Wisconsin non-stock, non-for-profit organization.

### Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

May 05, 2001	Racine, WI
May 05, 2001	Oshkosh (Omro), WI
May 05, 2001	St. Paul, MN
May 10, 2001	Apple Valley, MN
May 12, 2001	Blaine, MN
May 12, 2001	Madison, WI
May 12, 2001	Appleton, WI
May 15, 2001	Eden Prairie, MN
May 19, 2001	La Crosse, WI
May 19, 2001	Cottage Grove, MN
May 19, 2001	Loves Park, IL
May 19, 2001	Sheboygan, WI
May 26, 2001	Bloomington, MN
May 26, 2001	Milwaukee, WI (MRAC)
May 26, 2001	Tomahawk, WI
June 02, 2001	Oshkosh (Omro), WI
June 02, 2001	St. Paul, MN
June 02, 2001	Adams, WI
June 02, 2001	Racine, WI
June 09, 2001	Eau Claire, WI
June 09, 2001	Madison, WI
June 09, 2001	Blaine, MN
June 09, 2001	Eau Claire, WI
June 12, 2001	Eden Prairie, MN
June 14, 2001	Apple Valley, MN
June 15, 2001	Sioux City, IA
June 16, 2001	Sioux City, IA
June 16, 2001	Cottage Grove, MN
June 16, 2001	Milwaukee, WI (BE)
June 16, 2001	Loves Park, IL
June 23, 2001	Bloomington, MN
June 30, 2001	Milwaukee, WI (MRAC)
June 30, 2001	Tomahawk, WI
July 07, 2001	St. Paul, MN
July 07, 2001	Oshkosh (Omro), WI
July 12, 2001	Apple Valley, MN
July 14, 2001	Blaine, MN
July 14, 2001	Madison, WI
July 17, 2001	Eden Prairie, MN



July 17, 2001 Sheboygan, WI  
 July 21, 2001 Cottage Grove, MN  
 July 21, 2001 Loves Park, IL  
 July 28, 2001 Milwaukee, WI (MRAC)  
 July 28, 2001 Tomahawk, WI  
 July 28, 2001 Bloomington, MN  
 August 10, 2001 Sioux City, IA  
 August 18, 2001 Appleton, WI  
 September 01, 2001 Adams  
 September 01, 2001 Racine, WI  
 September 15, 2001 La Crosse, WI  
 September 15, 2001 Sheboygan, WI  
 October 06, 2001 Racine, WI  
 October 12, 2001 Sioux City, IA  
 November 03, 2001 Menomonie, WI  
 November 04, 2001 Kaukauna, WI  
 November 20, 2001 Sheboygan, WI  
 December 01, 2001 Adams, WI  
 December 01, 2001 Racine, WI  
 December 07, 2001 Sioux City, IA  
 December 15, 2001 La Crosse, WI  
 January 26, 2002 Appleton, WI  
 Monthly, 1st Sat. Oshkosh (Omro), WI  
 Monthly, 1st Sat. St. Paul, MN  
 Monthly, 2nd Thu. Apple Valley, MN  
 Monthly, 2nd Sat. Madison, WI  
 Monthly, 2nd Sat. Blaine, MN  
 Monthly, 3rd Tue. Eden Prairie, MN  
 Monthly, 3rd Sat. Milwaukee, WI (BE)  
 (September through April)  
 Monthly, 3rd Sat. Loves Park, IL  
 Monthly, 3rd Sat. Cottage Grove, MN  
 Monthly, 4th Sat. Bloomington, MN  
 Monthly, Last Sat. Milwaukee, WI (MRAC)  
 (except December)  
 Monthly, Last Sat. Tomahawk, WI  
 (January thru October only)

#### GENERAL RULES FOR MOST EXAMINATIONS

Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walk-ins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Got your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

<http://www.fcc.gov/formpage.html> or <ftp://ftp.fcc.gov/pub/Forms/Form605>.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. ARRL/VEC no longer gives a free code test or Element 2. Test fees: The ARRL/VEC has set its 2001 test fee at \$10.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

<http://www.arrl.org/arrlvec/examsearch.phtml>

By checking this page, you can find registered VE

sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

#### MILWAUKEE RADIO AMATEURS CLUB (MRAC/VEC) MILWAUKEE

Last Saturday, except June, July, and August, 9:30 a.m. to noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Road (the door you enter is actually numbered 5730), Milwaukee. For additional information, call (262) 797- MRAC. Bring along your original license, CSCE (if any), and one (1) good quality photocopy of each, plus two forms of identification, such as a driver's license, etc. Also required is \$6.65 for the exam fee. Walk-ins are welcome. To register in advance, use a post card. Print the grade of license you are applying for, your name, address, and telephone number, and send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, PO Box 25707, Milwaukee, WI 53225.

#### BADGER EXAMINERS (BE) - MILWAUKEE

September thru April, every third Saturday morning, 9:30 a.m. to noon, Badger Examiners group tests at AES (Amateur Electronic Supply) at 60th and Good Hope, Milwaukee (use the entrance numbered 5730). Exams are given at the old Sterman Printing shop, just 300 feet west of the AES store. Novice to Extra are offered, and all test materials are provided. Fee is \$6.35, and bring your original license, or CSCE if needed. Also available are Commercial license exams GROL (General Radiotelephone license), GMDSS, Telegraph, Etc. Fee is \$35.00. For more information call Gary Sharbuno, WI9M at (414) 355-0237.

#### EAU CLAIRE, WI

##### EAU CLAIRE AMATEUR RADIO CLUB

April 21, 2001. 9 a.m. to 11:30 a.m. South Middle School, North East Side Door 7, 2115 Mitscher Ave., Eau Claire. Walk-ins welcome. Saturday, June 9, 2001. 9 a.m. to 11:30 a.m., Eau Claire Hamfest. Held at Eau Claire Exposition Center, Lorch Avenue, Eau Claire. Walk-ins welcome. Examination Session Coordinator: Steve Bluem, KA9OMY, [ka9omy@arrl.net](mailto:ka9omy@arrl.net). Telephone: 715.839.6509. Sponsored by the Eau Claire Amateur Radio Club. Web page: <http://www.ecarc.org> Email: [w9eau@ecarc.org](mailto:w9eau@ecarc.org)

#### FRIENDSHIP, WI

June 2, September 1, and December 1, 2001.

Exams given from 2 p.m. to 5 p.m. at Adams County Electric Cooperative, Community Room, 401 E. Lake St. (CTH J), Friendship, WI. Exam fee: \$10.00.

All candidates should bring appropriate identification which bears a photo and signature. Candidates must present the original document of any current Amateur Radio license or CSCEs. A photocopy of the original documents must be sent along with the session paperwork. Walk-ins are permitted, but advance registration is appreciated. A candidate wishing to retest for the same element will be allowed to do so, provided the VE team has appropriate time and an additional exam fee is paid. There are no free exam elements.

Note that beginning June 1, 2001, multiple choice format Morse code tests will not be allowed. Code tests will be "fill in the blank" format only. Solid copy conditions will remain the same.

Candidate registration may be submitted to Wayne Hemrbook, KB9NLQ, at 608.339.4169. Questions may be directed to Karl Simonson, KS9E, at 847.244.0802 or 847.778.0247. Karl Simonson, KS9E

#### MADISON, WI

First Saturday monthly: 8 a.m. to 10 a.m. Space Place, 1605 South Park Street, Madison. Please bring a picture ID, your original license, a copy of your license, and the original and a copy of any relevant CSCEs, and a check for \$10.00 made out to the ARRL/VEC. No appointments are necessary to take exams. Exams start promptly at 8 a.m. 2001 dates: April 7, May 5, June 2, July 7, August 4, September 1, October 6, November 3, and December 1. Questions may be directed to Tim Czerwonka, WO9U, at (608) 233-9829 (home phone) or sent to [wo9u@arrl.net](mailto:wo9u@arrl.net).

#### MENOMONIE, WI

Saturday, March 31, 2001, and Saturday, November 3, 2001. The location will be the U.W.-Stout's Millennium Hall 9 (the new Communications Building), at the corner of Broadway and 10th Avenue on the U-W Stout Campus in Menomonie, Wisconsin. Walk-ins only. Arrive between 9 and 11 a.m. For information, contact Jim Ley, NX9F, (715) 235-3998 (H), or (715) 232-1397 (W).

RACINE, WISCONSIN - ARRL/VEC

Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk-in on 147.87/27. Inquiries and registrations should be directed to Robert N. Jensen, W0WLN, 5616 Cambridge Lane #6, Racine, WI. Telephone (262) 886-8551.

#### TOMAHAWK, WI

Last Saturday of every month, January thru October. Tomahawk Volunteer Examiners (ARRL/VEC). Tomahawk, WI. No advance registration required, but appointment would be appreciated. Registration at 8:30 a.m. and testing starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633.

#### APPLETON, WI - ARRL/VEC

##### KAUKAUNA, WI (HAMFEST)

Conducted by the Fox Cities ARC VE team. All regular test sessions are held at the American Red Cross Building in Appleton. Testing starting at 8 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: [W9MDP@arrl.net](mailto:W9MDP@arrl.net).

#### OSHKOSH (OMRO)

The Oshkosh VE Team will administer Amateur Radio exams monthly on the first Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon at the Omro Community Center, 130 W. Larabee, Omro, WI. Walk-ins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail [lemme@vbe.com](mailto:lemme@vbe.com), or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

#### SHEBOYGAN, WI

Saturdays, 9 a.m.: May 19, September 15

Tuesdays, 7 p.m.: March 20, July 17, November 20

Sessions will be held in the Red Cross building, 2023 Erie Avenue, Sheboygan, WI 53081, main floor. This testing site is handicapped accessible. Signs will direct applicants to the proper area of the building. Registration begins 30 minutes prior to each testing session. Pre-registration is appreciated, but walk-ins are welcome. Contact: Art Pahr, K9XJ, N8029 Willow Road, Plymouth, WI 53073-2929. (920) 876-2370. K9XJ e-mail: [k9xj@excel.net](mailto:k9xj@excel.net)

#### ONALASKA, WI (ARRL/VEC)

May 19, September 15, and December 15, 2001. Tests will be given at the Onalaska Public Library at 9 a.m. Contact: Roger Reader, KA9BKK. [readers@centurytel.net](mailto:readers@centurytel.net)

#### MEDFORD, WI (ARRL/VEC)-UPDATE NEEDED

Take Ogden St. west off of Hwy. 13 to the courthouse. Park on the street or in the parking lot on the south side of the courthouse. Use one of the two entrances there. Watch for the signs when you get into the building. Talk-in on the 147.15 (+600 KHz, 114.8 PL) repeater. Walk-ins welcome, but if you know you'll be attending, please let us know. Contact: Tom Hrdina, N9GEN, 2373 Willow Ave., Medford, WI 54451. (715) 748-4054. E-mail: Mike, N9GHZ, [muzikman@pcpros.net](mailto:muzikman@pcpros.net).

#### HUDSON, WI (ARRL/VEC)

Sponsor: St. Croix Valley AR Testing Col. Time: Call for time and walk-in info, Contact: Gregory Miller (715)386-9857 Location: St. Croix County Emergency, Government Center by jail, Carmichael Rd. lower level, Hudson, WI 54016. (Information tnx ARRL Web site)

#### WAUSAU, WI-UPDATE NEEDED

Updated information needed.

#### HAMFEST EXAMS

Cedarburg WI - ORC Hamfest  
 Green Bay WI - ARES Hamfest  
 Hayward WI - Hayward Hamfest  
 Kaukauna WI - Swapfest  
 Manitowoc WI - Lakeshore Hamfest  
 Oak Creek WI - SMARC Hamfest  
 Rhinelander WI - NWARC Swapfest  
 Rockford IL - RARC Hamfest  
 Rothschild WI - WVRA Hamfest  
 South Milwaukee, WI - SMARC Hamfest  
 Stevens Point, WI - CWRA Swapfest

(continued on page 11)



## From the Section Manager



Don Michalski, W9IXG

SM: Don Michalski, W9IXG, SEC: WB9RQR, STM: K9LGU, ACC: K9FHI, SGL: AD9X, OOC: W9DGI, PIC: K9ZZ, TC: K9GDF, ASM: K9UTQ, W9RCW, W9CBE, BM: WB9NRK.

With regret, I inform you the following Silent Keys: Bob King, W9QOQ. Bob was a member of Yellow Thunder ARC. Bill Kimble, WA9OAY, age 73, recently passed away. Bill was a member of Watertown ARC, QCWA, and active on the section nets. W9DOO, Staber Reese, age 90; Kenneth LeGros, KA9DZT, 73; and Everett Duane Hanson, N9YBV, are Silent Keys.

Congratulations to K9FHI, K9JPS, and WD9FLJ for receiving the ARRL PSHR certificate! Well done!

Congratulations to Lynne, N8OSK, for

2000 M&M ARC Ham of the Year award! Her club cookies, alone, justify it! I enjoyed presenting Mike Anuta, W8HKY, with a special plaque from the ARRL in celebration of his 100th birthday!

Also, Bob Baird, W9NN, recently celebrated his 95th birthday and 80 years as an amateur! Obviously, the hobby has been good to them and we wish Mike and Bob many more years of active operation.

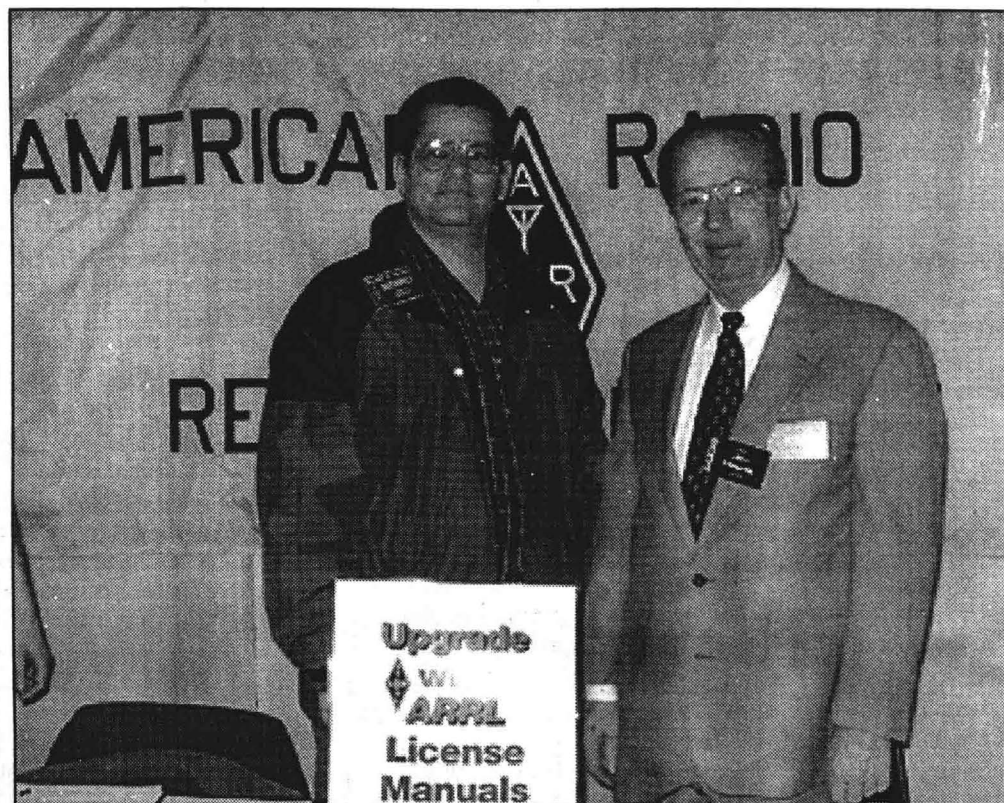
W9RCW has resigned as our OOC because of illness. Our prayers, best wishes, and deep appreciation for an outstanding job as our OOC go out to him. I have appointed Daniel Gomez-Ibanez, W9DGI, as our new OOC.

9RN report for February shows Wisconsin with 100 percent representation! I am very encouraged by the news I've been receiving from the clubs -- many have started ham classes! Great!

Jim Staatz, KG9RA, assistant EC and member of ECARC, would like to remind all that less than 2% of hams are registered with their EC or participate in ARES and/or Skywarn. Protect our hobby by supporting public service communications. Sign up now!

73, W9IXG

## N6NKO/9 meets The Boss



Richard Polivka, N6NKO/9, an ARRL Technical Specialist, enjoyed meeting ARRL President Jim Haynie, W5JBP, at SuperFest, sponsored in April by Amateur Electronic Supply in Milwaukee.

Photo courtesy Don Michalski, W9IXG

# EAU CLAIRE HAMFEST

Sponsored by the: Eau Claire Amateur Radio Club Inc.  
Eau Claire County Exposition Center - Eau Claire, Wisconsin  
194 (Exit 68) Hwy 93, South on Hwy 93 1/8 Mile, then Right on Lorch Ave.  
Same Location as Last Four Years

## Saturday, June 9, 2001

Doors Open to the Public at: 8:00 AM  
Vendor and Exhibitor Setup Friday 5:00 PM to 10:00 PM - Saturday 6:00 AM

Free Parking

New & Used  
Amateur Equipment

Commercial Vendors

**Burghardt**  
Amateur Center

Free Coffee

Computers - Monitors  
Printers - Software

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## Wanna become a Technical Specialist - or another volunteer task to help your fellow hams and the public?

Richard Polivka, N6NKO/9, in the photo above, holds an ARRL field appointment called Technical Specialist. That means Richard received the appointment by applying to Section Manager Don Michalski, W9IXG. Richard's volunteer job is to help other radio amateurs in his general area track down and solve technical problems.

Technical Specialist is only one of many volunteer tasks to which one may be appointed by the SM. They help their fellow hams and they help the general public, too. For example, in his work as a TS, Richard might be called on to help solve a tough case of RFI.

Most of the appointments offer some challenges and the only reward is doing the job and getting it done.

If you'd like to learn the full "job description" for TS and the other ARRL field appointments, please take a look at the SM's section web site at [www.w9ixg.eboard.com](http://www.w9ixg.eboard.com). You'll find all the tasks listed and what they involve. You may find you would like to get involved, too.

## Hams lend a hand during Mississippi River flood

Continued from front page

BJQ, reports that an average of three hams worked four shifts for several days.

The hams who worked communications support in La Crosse County were Tom O'Brien, WB9BJQ; Walter Altus, AA9AW; Ken Eggen, WA0RBU; Roger Christianson, N9RWU, Roger Reader, KA9BKK; David Bradley, KB9QHD; Paulette O'Brien, KB9-QGC, and Peter Schaettle, N9XVG.

Downriver, The Great River Amateur Radio Club of Dubuque was prepared, but not quite expecting a sudden call from Red Cross for support at shelters as 300 people were evacuated. The need was met.

# GOVERNOR SCOTT MCCALLUM PROCLAIMS AMATEUR RADIO OPERATOR RECOGNITION DAY



## OFFICE OF THE GOVERNOR

### A PROCLAMATION

WHEREAS, during times of national and state emergencies, amateur radio operators provide vital communication resources; and

WHEREAS, these communications resources are provided at no cost to Wisconsin taxpayers; and

WHEREAS, amateur radio organizations including the Radio Amateur Civil Emergency Services (RACES) and the Amateur Radio Emergency Services (ARES) are trained to provide emergency communication support; and

WHEREAS, amateur radio clubs throughout the State of Wisconsin provide radio courses of instruction and assist with grade school and high school programs about amateur radio, enhancing student interest in science, geography and physics, and thus provide the opportunity to become a licensed amateur radio operator; and

WHEREAS, amateur radio operators inform the world about Wisconsin's great circus heritage including the Circus World Museum, Great Circus Train and the Great Circus Parade; and

WHEREAS, the National Weather Service has benefited from amateur radio SKYWARN participants, who provide trained and radio equipped severe weather spotters in the State of Wisconsin; and

NOW, THEREFORE, I, Scott McCallum, Governor of the State of Wisconsin, do hereby proclaim April 19, 2001

### AMATEUR RADIO OPERATOR RECOGNITION DAY

in the State of Wisconsin, and I commend this observance to all citizens.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Wisconsin to be affixed. Done at the Capitol in the City of Madison this twenty-second day of March in the year two thousand one.

*Scott McCallum*

SCOTT MCCALLUM

By the Governor:

*Douglas La Follette*  
DOUGLAS LA FOLLETTE  
Secretary of State

This proclamation was received too late for inclusion in our last issue, but is posted on the BSSS

web site at [www.bsss.org](http://www.bsss.org). We wanted our print readers to have a look at it, too.

## AO-40 transponder operation possible this summer

AMSAT-NA President Robin Haighton, VE3FRH, this week raised the possibility that AO-40 could inaugurate transponder operation this summer, if tests and orbital maneuvers between now and then go as planned.

"We are learning how to fly this thing," Haighton said. "But I still think we're going to end up with a darned good satellite."

The most likely initial transponder configurations, Haighton said, would be Mode L/S--1.2 GHz up and 2.4 GHz down, Mode U/S--435 MHz up and 2.4 GHz down, and possibly Mode V/S--145 MHz up and 2.4 GHz down.

Recent data suggest that the mid-December incident that silenced AO-40 for two weeks and rendered some systems unusable also might have blown a hole on the 400-newton motor side of the spacecraft. "Speculation is there could be damage, and sunlight is getting right in," Haighton said. He noted that ground controllers have detected a distinct rise in temperature when sunlight strikes that side of the satellite. The speculated opening

was not causing any major problems, he said, but it could explain why efforts to adjust AO-40's attitude via magnetorquing have been unpredictable.

As the AO-40 recovery effort continues, Haighton said, ground controllers plan to raise the height of the perigee in the very near future. That process, using the onboard arc-jet motor, could take up to several weeks. The AO-40 team hopes the maneuver will minimize or eliminate possible effects on the satellite's orbit caused by atmospheric expansion at the peak of the solar cycle.

AO-40 currently is approximately 320 km--almost 200 miles--above Earth at perigee--its closest point--and some 51,000 km--some 31,600 miles--at apogee. Plans call for raising the orbit at perigee to around 520 km, or some 320 miles. The maneuver would "hardly affect" the satellite's apogee, Haighton said. The arc-jet would be operated without electrically igniting it, using the pressure of the ammonia fuel alone.

Once the orbit has been adjusted, ground controllers would orient the spacecraft's attitude and check out the

## Silent Key

Rev. Philip A. Muth, WØRHP, Wauwatosa, passed away at home in early April.

In his obituary in the *Milwaukee Journal Sentinel*, his wife said: "I think he got his license when he was in high school. He enjoyed very much talking to other ham radio operators all over the world. He talked to people in more than 100 countries and, of course, all the United States. He was excited whenever he connected to someone in a new country."

## Kansas hams respond in tornado's aftermath

Several dozen Amateur Radio Emergency Service members turned out to help in the wake of an F4 tornado that ripped through the small Central Kansas town of Hoisington April 21. The surprise twister left one dead, dozens injured and millions of dollars in damage. A weather-spotting ARES net active prior to touchdown had received reports of a funnel cloud at Hoisington, but the National Weather Service had issued no tornado warnings.

Kansas District 5 Emergency Coordinator Bob Haneke, WØQ, says storm spotter Larry Bruce, KØ-IFO, called in a report of extensive damage in Hoisington and said help was needed. Haneke first checked on his brother, who lives in Hoisington, then headed out. Barton County Emergency Coordinator Carl Anderson, NØORS, activated an ARES emergency net on the 146.76 repeater.

Then, accompanied by his wife and two sons -- all hams -- Anderson and several other amateurs established initial emergency communications from Hoisington. Others helping in Hoisington included ARRL Midwest Division Vice Director Bruce Frahm, KØBJ.

The town of about 3000 is located some 100 miles northwest of Wichita and just north of Great Bend in Barton County. The storm took the roof off the Hoisington High School auditorium, and gutted a strip mall, the town's only grocery store, and a Dairy Queen where some people took shelter in a walk-in freezer. Also heavily damaged was Hoisington's hospital. Its patients had to be relocated to Great Bend or to the local nursing home, which had no power or telephone. Later, severe flooding swamped sections of the town that the tornado had skipped.

At one point early on, Haneke said, the only link parts of Hoisington had with the outside world was via Amateur Radio VHF to the emergency operations center in Great Bend. "The outgoing phone line trunk had been damaged," he said, "and cellular phones in the area were useless, as the system was grid-locked."

Amateurs assisted in several ways during the relief effort. Haneke says hams provided communication support to several responding agencies, including the American Red Cross, the Salvation Army and Adventist Community Services. Hams also provided primary or back-up communication for hospital facilities and shelters and assisted the Red Cross with damage assessment. In addition, HF and VHF links were established to handle health-and-welfare traffic. The Golden Belt Amateur Radio Club dispatched its emergency communications bus.

Haneke says that as power and telephone service were restored to the community on April 24, amateur operators were able to stand down from active duty, and the ARES emergency net was deactivated that afternoon. A contingent from the Salvation Army Team Emergency Radio Network (SATERN) remained in Hoisington to handle additional requests and to support Salvation Army relief efforts. Frahm said amateurs also still were assisting at the nursing home, municipal building and hospital area.

*The ARRL Letter*

various onboard transmitter and receiver systems to see what works and what does not. "We're still pretty confident that the 2 meter and 70 cm transmitters are not there," Haighton said, "but we're equally confident that the receivers for those bands still are."

The satellite has been transmitting telemetry on the 2.4 GHz (S-2) beacon, and signals reportedly have continued to improve--although the beacon has been out from time to time as needed to conserve power during eclipse periods.

*The ARRL Letter*



## The Computer Corner

By Stan Kaplan, WB9RQR • 105 Martin Drive  
Port Washington, WI 53074-9654  
(262) 284-9346  
skaplan@mcw.edu



### No. 90: Maddening Microsoft Does It Again!

The word is out. If you purchase a copy of Microsoft's upcoming Windows XP or Office XP, your options as an owner of your computer are severely limited. According to a recent editorial in *PC Magazine*, Microsoft will no longer just strongly suggest that you register their product, they will insist that you do. If you fail to register in some period dictated by them, the software will stop working!

That is not the end of it. We are all used to Microsoft's insistence that you can only install software on a limited number of machines. In the case of XP, just two - perhaps a desktop and a laptop. Beyond that, the software will not work and you will need to contact the company if you try to install it on a different system. Furthermore, if you make major changes to your machine, the software will quit. For example, suppose you have an old Pentium and install XP on it and on your laptop. Three weeks later, you decide to upgrade, and you pop a new motherboard in your computer. The software will quit. You will have to contact Microsoft for their "permission" to use it in the modified machine, presumably by getting some kind of unlocking code from them. Otherwise, you are out of luck.

I have three machines in my office; a main computer, a secondary and a third that I use largely for ham radio related tasks. All three machines are connected to the internet via individual modems, by way of two separate Internet Service Providers. Frequently, especially when designing laboratories for the computer classes I teach, I will use two of the three simultaneously. I will write the lab on my main machine and use the secondary to test pathways ("click Start, Programs, Accessories, System Tools..."), or to run diagnostic programs as my students would to make sure everything works as it should. Now and then, I will even use all three machines for a complicated task. This allows me to develop the labs without interruption on one machine while simultaneously testing various aspects on a separate, or even two separate machines. All three have several operating systems on them. If all are powered and simultaneously running Win98, am I violating Microsoft's rules?

I probably am, according to the EULA (End User Licensing Agreement) that they clutter up your screen with. [Those letters should be transposed a bit to stand for Everyone's Unread Asinine Legalese.] But that is not how I look at it.

I am the sole owner of all three computers, and the ONLY user, ever. I purchased the hardware components and built them with my own hands. Furthermore, my hard cash paid for the software. True, the software is only a rental, but it is a disposable rental. Microsoft does not want it back when I am done with it. I should be encouraged to use that software in any way I want, on any number of machines, so long as I am the sole user. Of course, I may not copy and sell the software - everyone understands that to be the case (even pirates understand that what they are doing is illegal). However, so long as I do not violate that rule, I should be able to do anything I want with it. Even alter it to make it work better!

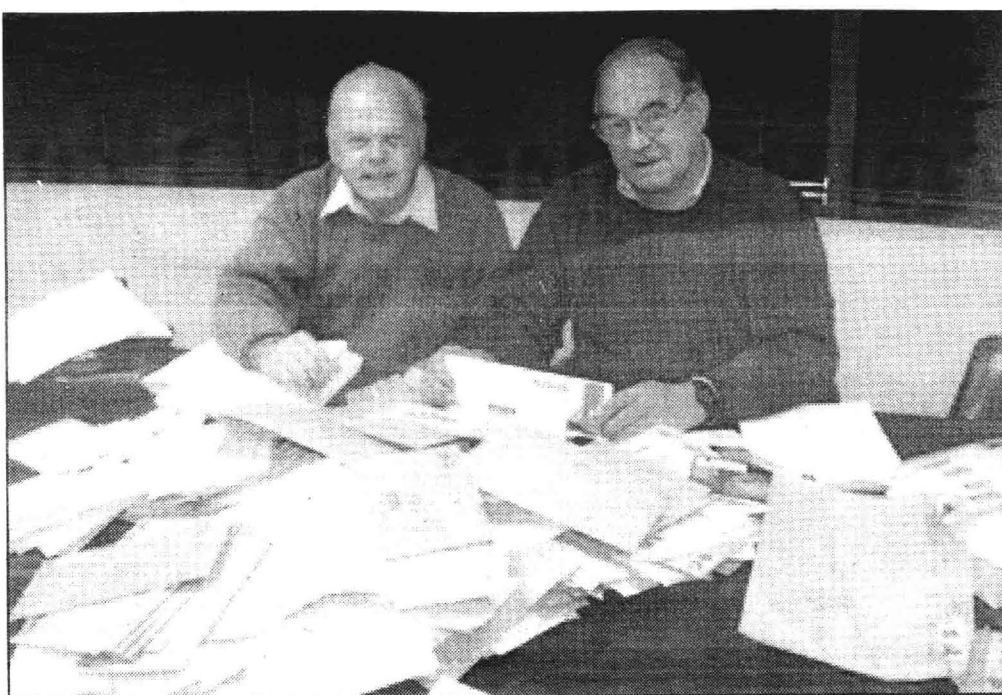
Microsoft is having problems with pirates, so their ploy is to put unduly restrictive rules on the end users that legally purchase the software as customers. Big Brotherism, par excellence. I resent that, and will not stand for it. Perhaps the time has arrived when a boycott is in order. Let us all look hard at Word Perfect, Star Office, X-Windows and Linux for replacement of Microsoft's ware. A drop in sales is the only thing that they will unequivocally understand as a message from consumers.

I am done with the soapbox. Shall I mail it to you for your use? Happy computing!

### FOUND AT A HAMFEST



## Peel and Stick Party for N4WIS



One kind of pileup generates another. Here, Bus Etheridge, K4IX, writer of this USS Wisconsin Radio Club story, and Carey Brown, KT4R, start working down the stack of envelopes from the first special event operation of N4WIS about four months or so ago. It's interesting to note that the second operation told of in this story counted among contacts one with the submarine USS *Cobia*, W9DK, operating for Submarines on the Air week. We'll bet Fred Neuenfeldt, W6BSF, was glowing, and Bus probably was, too.

## How do you measure success?

Continued from front page

You could not hear much and when a contact was made, fading could make the station drop into the noise or vanish. So, from the number of contacts, we were far below expectations. If you measured success by number of contacts, we broke no records. But let's measure by a different yardstick, please.

Our station was located on the third floor of Nauticus near the entrance to the theatre and many people came by checking out the various displays in Nauticus. Our claim to success is that one of our main purposes for being there was to show off our hobby in a favorable light. We usually had two operators on the radios and two of our members serving as greeters, or "decent docents" as I call them.

We talked to hundreds of the guests. Some were local people but many from far away places. We were visited by a number of hams, one G0HWE from the UK, and KB9UTZ, a fine 16 year old high school student, KB2HSG, W2KBW, KB2DUF, and many locals including His Honor, Judge Ray DeZern, W4RWD.

Serving as operators and greeters during the seven days, we had the following participants: KT4P, K4IX, W8RJJ, W4PRO, W4ZYT, KE4AZL, W1WTG, WB4DNL, W4WV, WA4TCJ, KI4LO, W4EEU, K0IBS, WA4MCK, KE4MIL, W4THN, KA4PDS, KB4WVF and K4YVX. Again I must emphasize that these are wonderful folks who work harmoniously, all good natured and friendly to the visitors, a credit to ham radio. If you judge us on good public relations and as Goodwill Ambassadors for our hobby, this Special Event was huge success.

A review of the station log reveals contacts with W9DK on the USS *Cobia* (in

Manitowoc, Wisconsin), with W8ZHO on the USS *Silversides*, both submarines, and WA4RJK, a battleship, the USS *Alabama*, and HMCS *Haida*, VE3CGJ. Our first Associate Member from Wisconsin, Bill, W9WCF, worked us and is coming to Norfolk to visit the club. Two of our Associate Members in Ontario, Bruce VA3BBW and John VA3USN/XJF both worked us.

Among the Pearl Harbor Survivors was Earl Selover, W4LPF.

We worked Captain Dan Reilly, W4NMK, USN (ret) who had been skipper of a submarine.

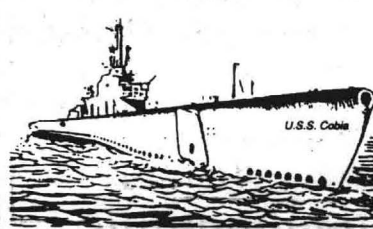
We are happy and proud to have just received an application from friend Ted Tate, K6YN, who is 96 years old today! Ted served as a radioman on a destroyer in the Pacific in the early twenties. He operated spark rigs at sea and from a commercial station in Ohio working ships on the Great Lakes. Carmen Drogo K1LKP is a new member who served as a radioman aboard a submarine. We are one big battlewagon admiring bunch of hams.

On Saturday April 21st, I was able to board the Wisconsin for the first time. A friend of mine who had served aboard her died recently. I promised his family that when I boarded her, I would give a snappy salute in his memory. I kept my promise.

Special to the *Badger State Smoke Signals* with best wishes to all from Bus Etheridge, K4IX, Pres. of USS Wisconsin Radio Club. (April 30, 2001) Navytown, USA, oooops, I mean, Norfolk, Virginia.

And special thanks to you, Bus, and all the USS Wisconsin Radio Club members who made this all possible. It all began with an idea one day... by K4IX.

There is another photo, maybe even two, if you flip on over to page 9.



Submarines on the Air was the last week in April. Read about Manitowoc's "Cobia" and the ManCoRad Club's W9DK operation in June Badger State Smoke Signals!

# PARTICIPATING CLUBS AND ORGANIZATIONS

## Wisconsin Nets Association Ltd.

**Dean R. Herriges, KB9ROB, Secretary**  
W370 S9590 Highway 67 • Eagle, WI 53119

## WISCONSIN NETS

Net	WNA	Freq.	UTC	CDT	Manager
BWN	Yes	3985	1100	0600	W9RCW
BEN	Yes	3985	1700	1200	KE9VU
WSBN	Yes	3985	2230	1730	K9FHI
WNN	Yes	3723	2300	1800	KB9ROB
WSSN	Yes	3645	2330	1830	N9BDL
WIN/E	Yes	3662	0000	1900	WB9ICH
WIN/L	Yes	3662	0300	2200	W9UW
RCRA	No	01/61	0030	1930	KA9OMC
(Mondays CDT) (Menomonee Area)					
Gr. Bay	No	72/12	0245	2145	WB9NRK
(Green Bay Area)					
ARES	No	4.65/5.25	0200	2100	
(South East/South Central Wisconsin)					

### Wisconsin Section STM Report - March 2001

Time for another reminder about the NTS. You have traffic for Ohio. Why not go right to an Ohio section net and see if there's an outlet? Fast, efficient, and easy, right? Maybe. Here's what the ARRL has to say about Deviation from Normal Routing.

"Failure to use the normal routings, if carried to the extreme, will result in 'strangulation' of one or more NTS nets at region or area level. That is, if section nets send representatives to other section nets to clear traffic direct instead of through the region net, the region net will 'starve' for traffic. Similarly, if region nets maintain liaison with each other direct instead of through the common medium of the area net, the latter will have little traffic and will not prosper. It is in the interest of efficiency, organization, system, training and conservation of skilled personnel to use the NTS structure as it is intended to be used. Let's not be ridiculous, however. Those who would follow the system to the letter are occasionally guilty only of unnecessarily delaying delivery.

"Any station in NTS, regardless of the function the operator performs, who receives a message destined to a point in his local calling area, should deliver that message rather than filter it further through the system. There are many metropolitan areas which straddle NTS net coverage boundaries but have common toll-free telephone coverage."

It would also be a good idea to exercise the system by generating some traffic. Please send at least one message per month and ask your friends, fellow club members, to do the same. It could be a pleasant greeting to someone else on a net. It might be a thanks for a QSO to someone you worked on another frequency. It could be standard seasonal greetings. Maybe a compliment to a good NCS is in order. One message per month isn't asking too much. We handle traffic for practice. Let's use the system.

This is also the season for severe weather. Although traffic handled on weather nets is not the format one usually sees on section nets as part of the National Traffic System, it is certainly important traffic -- and the usual rules apply. Get it right. Be clear and succinct. Follow the directions of the net control. Listen. Listen. Listen. It's a chance to apply the skills and discipline you have learned about traffic handling. For more information on the emergency management aspect of traffic handling, there are lots of good hints on Stan's website <http://www.execpc.com/~skaplan>. Have a good spring. Send some traffic.

### 73 - Denny, K9LGU / STM MONTHLY NET ACTIVITY SUMMARY MARCH 2001

NET	QNI	QTC	QTR	SSNS	NM
BWN	1238	1535	2325	31	
				W9IHW for W9RCW	
BEN	550	82	822	31	KE9VU
WSBN	698	75	1035	31	K9FHI

WNN	191	11	339	31	KB9ROB
WSSN	386	23	351	31	N9BDL
WIN/E	248	174	330	31	WB9ICH
WIN/L	21	47	314	31	W9UW

TOTALS	3523	1947	5616	217	
STATION ACTIVITY SUMMARY March 2001					

STATION	OHIO	RCV	SENT	BLVD	TOTAL
WZ7V	0	445	32	414	891 - BPL
W9PY	0	290	325	0	615 - BPL
W9IHW	0	258	50	211	567 - BPL
K9GU	0	199	29	194	422 - BPL
N9VE	1	191	35	193	420 - BPL
N9TVT	0	89	308	1	398
K9JPS	0	175	33	174	382 - BPL
W9CBE	0	169	10	2	331
K9FHI	0	94	116	0	210
K9GB	0	64	6	41	169
N9BDL	0	35	71	1	107
K9LGU	0	73	32	1	106
N9KHO	0	46	48	6	100
W9YCV	0	25	38	3	66
AG9G	0	7	51	0	58
KE9VU	0	21	35	0	56
W9UW	0	34	12	0	46
KB9ROB	0	34	4	1	39
W9BHL	0	2	31	2	35
KA9FVX	0	0	35	0	35
AA9BB	0	0	30	0	30
KN9P	3	9	3	9	24
WB9ICH	0	18	2	0	20
W9FLJ	2	5	7	2	16
W9RSX	0	2	8	0	10
N9JY	0	0	7	0	7
W9PVD	0	2	3	0	5
W9RCW	0	0	3	0	3

### PUBLIC SERVICE HONOR ROLL MARCH 2001

CALL	1	2	3	4	5	6	7	8	T
WZ7V	47	0	0	414	0	30	0	0	491
K9JPS	39	24	24	181	0	10	0	0	259
N9VE	6	0	0	193	1	30	0	0	230
K9FHI	60	24	24	0	0	30	12	30	200
K9GB	60	12	0	41	0	10	0	30	153
N9BDL	60	24	24	1	0	30	0	0	139
W9FLJ	60	0	24	2	2	20	0	30	138
W9YCV	60	24	24	3	0	20	0	0	131
W9CBE	60	24	24	2	0	20	0	0	130
K9LGU	60	21	24	1	0	20	0	0	126
N9TVT	60	24	24	1	0	10	0	0	119
AG9G	60	24	18	0	0	10	0	0	112

There are lots of interesting stories out there waiting to be told, and a lot of readers of this newspaper who would enjoy reading them! We welcome all submissions. They should be sent to the editor. See the masthead on page 2.

## Wisconsin Valley Radio Association

**Rich Nesbitt, N9WPH, Secretary**

P.O. Box 363 • Wausau, WI 54402

**Six Meter Repeater: 51.19 Input/52.89 Output**

### Meeting Minutes

4 April 2001

Marshfield Clinic - Wausau Center

Meeting called to order at 7 p.m. by President Kim Kunze - N9SDL.

Program: "ARES Skywarn Severe Weather Update" by Rich, KC9NW. Members of the Marathon County REACT group were present for the presentation and discussion. KC9NW passed out copies of the 2001 Skywarn Booklet and the Field Weather Report Form #00-14. If you need a copy of the booklet or additional information about ARES and Skywarn contact Rich Maier at ([richmaier@charter.net](mailto:richmaier@charter.net)), 715-359-7362 or pager 576-3261.

Rich is looking for volunteers to help on the EOC and as back-up net control operator during severe weather. Frequency 443.750 (PL 71.9) will be linked to Green Bay. A possible alternate frequency will be 145.110. Contact the County Sheriff's Office to report severe weather if there is no Weather Net. Code 97\* will bring up the repeater to Green Bay.

Other Severe Weather Nets include: Wood County on 146.790, and Clark County on 147.150.

Tornado Test Drill on 4/19/2001. Check-in with the 146.820 net.

Members present: N9SDL, N9WPH, N9NMH, KB9DED, N9MEA, KB9VBR, KB9PVI, N9LIA, N9PHC, KB9RXA, N3FDE, W9RK, K9MCZ, N9NRC, WA9NBC, KB9RKB, N9UAG, K9PT, K9AEG, N9MPD, K9QH, KB9OPQ, KB9YDP, N9SDI, N9NQW, KB9YUH, N9XVK, KB9STB, K9DB, KBPT, KC9NW, N9TTA, KA9PML, N9NRA, KB9JMB.

Secretary's Report - As published in *Badger State Smoke Signals*. Motion to accept: N9NMH. 2<sup>nd</sup>: KB9STB.

Treasurer's Report - Motion to accept: KB9DED. 2<sup>nd</sup>: N9NMH.

The 2001-2002 dues were collected. If you haven't paid, send your check or money order payable to WVRA at the following address: WVRA, attn: Mark Rasmussen N9MEA, PO Box 363, Wausau, WI 54402. Rate: single \$25/year, family \$35/year.

### Old Business

- APRS Update: A 5-member steering committee has been formed. Contact Kim N9SDL ([n9sdl@arri.net](mailto:n9sdl@arri.net)) or Mike Martens ([kb9vbr@arri.net](mailto:kb9vbr@arri.net)) if you are interested in learning more about APRS.
- Dream Flight Update: The 10<sup>th</sup> annual event will occur on 4/30-5/04. Training dates are 3/27, 4/2, 4/9, 4/10 from 1830-2000 hours at Rib Mountain Elementary School. You can still volunteer to help during the event. Contact Kim ([n9sdl@arri.net](mailto:n9sdl@arri.net)) or Mike ([mwild@dwave.net](mailto:mwild@dwave.net)) if you are interested. Kim thanked those members who volunteered. Final plans are being made. APRS will be used to track the shuttle.
- Field Day Update: June 24<sup>th</sup> at Sunnyvale Park, off Hwy 29W. ARRL is selling T-shirts for \$10 and pins for \$5 to commemorate the

event. You can still order these items at [www.arri.org](http://www.arri.org). The shirts and pins that were ordered after the last meeting were distributed. Contact Kim N9SDL if you did not get your order. Andy N9NRA is looking for volunteers to get certified on the camera equipment so we can tape the events as they occur on Field Day for later advertising. The program next month will cover the logging software the Club will use during Field Day.

- 444.1 Net: Thursdays at 9 p.m. Contact KB9VBR or KB9STB if you want to volunteer as a net control operator.
- Trailer Update: Nothing new to report. Contact Matt N9NMH at ([mbaumann@dwave.net](mailto:mbaumann@dwave.net)) if you want additional information.
- Amateur Radio Classes: Nothing new reported. The Club is seeking volunteers to help teach a 12-week program in spring. Instructor's manual will be available. Contact N9SDL ([n9sdl@arri.net](mailto:n9sdl@arri.net)) if interested.
- Multiple Sclerosis Walk-a-thon: In Wausau on 04/22/01. Contact N9LIA ([n9lia@pcpro.net](mailto:n9lia@pcpro.net)) if interested. Time commitment should be from 9 a.m. to 2:30 p.m. APRS will be used.
- WVRA's Webpage Update: View the page at [www.dwave.net/~WVRA](http://www.dwave.net/~WVRA).

### New Business

- WVRA Board Election: New WVRA Board Members: KB9DED, N9NMH, N9MEA, K9MCZ, KB9VBR, KB9OPQ, and KB9STB. Congratulations to all. The members will meet at 7 p.m. on 4/17/01 at Sam's Pizza to determine which role each member will serve. The new Club President will be announced at the next Club meeting.
- Jenny Fest: Will take place 11-12 August 2001 at the Stanges Park in Merrill. The theme is Railroad. The organizers want to demonstrate a telegraph system in the park. Contact Jason, N9XVK, if interested.
- New dual band antenna: Mark, N9MEA, collected donations for a new commercial grade dualband antenna for the Club. Contact Mark ([LNMRAZZI@gte.net](mailto:LNMRAZZI@gte.net)) if you want to make a donation.
- Reminder: ARRL membership dues increase to \$39 in July.
- Comet GP-9 dual band antenna for sale: Contact Don W9WW ([w9ww@arri.net](mailto:w9ww@arri.net)) if interested.

Meeting adjourned at 9 p.m. Motion: Andy N9NRA 2<sup>nd</sup>: Myron KB9STB.

Next meeting will be 05/01/2001 at the Marshfield Clinic - Wausau Center cafeteria at 7pm (formerly known as Wausau Medical Center). Park and enter from the employee parking lot on the west side. Program: Field Day Logging Software.

Respectfully submitted:  
Rich Nesbitt - N9WPH  
WVRA Secretary

If you're on the information  
superhighway, visit us at  
**[www.bsss.org](http://www.bsss.org)**





## SHEBOYGAN County Amateur Radio Club

Sky Borkenhagen, N9XRU, Secretary  
N6466 Plank Circle • Glenbeulah WI 53023

**2-Meter Repeater: 147.06 Output**

The March meeting was held informally beginning at 7:00 p.m. and ending at 9:00 p.m. The time was used for running coax from the club's antennas to the new radio room. There were five members present. The SCARC meetings are held every second Tuesday of the month in the Red Cross building at 2032 Erie Ave. in Sheboygan.

The April meeting was called to order by the club president Steve, N9TRK, at 7:00 p.m. There were six members present. The SCARC meetings are held every second Tuesday of the month in the Red Cross building at 2032 Erie Ave. in Sheboygan.

Mike, K9SJ, the club treasurer gave the present club balance report as \$325.00 at present.

Steve, N9TRK, reviewed the logistics of the upcoming MS Walk in Sheboygan scheduled for Sunday April 22 from 8 a.m.-3 p.m. At present we have seven members signed up for this year's event. Mike, K9SJ, mentioned he has several hand helds that are single channel frequency pair crystal controlled to offer for club use during community radio operations events for those members who wish to participate and assist that are new to the hobby or do not have HTs.

Mike also put forth a request to the club for permission to use the club repeater 147.060 as a bulletin/check in frequency for local and state ARES, RACES operations during net operations. The motion was accepted by Lyle, WE9R, and seconded by Steve, AA9SJ. All members in attendance unanimously passed it in favor.

A listing of items that Jack, WB9GTX, has for sale was distributed to club members by Mike, K9SJ. The club secretary Sky, N9XRU, distributed flyers for the upcoming Saturday, May 5, 2001 Cedarburg Swapfest. He also forwarded flyers that were sent to the club by Verne, W9RYA, for the upcoming Saturday, July 7, 2001 South Milwaukee Swapfest. It was decided by all members present that the two free tickets will be given away through a drawing during the May meeting next month.

Steve, N9TRK, opened discussion on this year's AES Superfest. The consensus for all who were able to attend this year's event enjoyed the many aspects presented.

The technical portion of the meeting was presented by Mike, K9SJ on ARIS voice and packet published uplink-downlink frequencies along with the data and voice modes in use.

The meeting was adjourned at 8:35. Five members remained to perform work on the club radio room til 9:15 p.m.

### Net Schedule

The SCARC 2 Meter net meets Monday nights at 8:00 p.m. on 147.060, PL107.2+. This is a fun net and all are welcome to join us. Any members willing to take net control for one or more nights should contact Steve, N9TRK.

### Saturday Morning Breakfasts

The Saturday morning Sheboygan hams breakfasts are held at the following venues:

1st - Jumes in Sheboygan

2nd - Family Restaurant in Cleveland

3rd - Jumping Jacks at Kohler Sports Core

4th - Park View Restaurant, County PP in Sheboygan Falls

5th - Hill Farm Restaurant, County V and OK in Sheboygan

### Email List

If you use e-mail, consider signing up on the Sheboygan Hams mailing list. Simply submit your e-mail address to: <julian@bongo.tele.com>. All e-mail sent to <shebham@tele.com> will be forwarded to all listed subscribers. Thanks again! **NO ARES for providing this wonderful mail server for SCARC use.**

### Club Postal Mailing address

SCARC, PO Box 1282, Sheboygan, WI 53081-1282.

Respectfully Submitted:  
Sky Borkenhagen, N9XRU

## Lakeshore Repeater Association

**147.270 MHz • Racine, Wisconsin**

**Larry McCalvy, WA9JMO • 5400 Six Mile Road  
Racine, WI 53402-9741 • wa9jmo@wi.net**

Our second quarterly meeting of the year was very brief. Twenty-six members introduced themselves, listened to the tech committee reports - Gene Haney, WB9ZKY, declared the 2-meter system was near flawless in its operation, but did have a few periods of intermod (Ham detectives were assigned to locate and eliminate this problem); 440 chair, Dave Whitham, K9DQ, stated that the agreement with the tower owner required us to do certain things that are routine for commercial installation, but not normally found in Amateur Radio circles. The mobile radio we had been using for a repeater was not satisfactory for the requirements at the new tower site. This problem was rectified when Pete Kinzelman, N9KGG, donated a new (used) commercial repeater to the club; it meets all the requirements except for the storage cabinet. A replacement for that should be obtained at the Dayton Hamvention (May 18-20). The tower agreement is still awaiting the signature of the tower owner before we can

proceed further.

Additional calls for old business brought no responses. A similar fate met the call for new business. The president requested volunteers to serve on the nomination committee - no one stepped forward. The president will appoint a committee before the July 31st meeting. Twenty-nine minutes after its 7:31 p.m. start the meeting adjourned to Reflection's Restaurant.

An ARES gathering proceeded Lakeshore's meeting and Racine County's new ARRL Emergency Coordinator, Mike Melnik, N9PMO, was introduced to the 15 folks attending. Mike talked about the scheduled siren testing and a simulated severe weather scenario held on Thursday evening, 19 April. A lot was learned with indications that more training seems to be needed.

73,

Larry McCalvy, President  
Lakeshore Repeater Association.

**JOIN and SUPPORT  
your local  
ham radio club or repeater group**

## Mancorad Radio Club

Theresa Hartlaub, KB9KXE,  
Secretary

P.O. Box 204 • Manitowoc, WI  
54221-0204



**2-Meter Repeater: 146.01 Input/146.61 Output**

The Mancorad Radio Club had its monthly meeting on April 11th at 7:30 at the bank. The March minutes were approved by Ken (K9HAG) and Bob (KB9INK). Our treasurer, Roger (W9NPX) gave a full report on the club's financial status. This was approved with motions made by Dick (N9QFY) and John (NZ9Z).

James (KB9GOX) reported on the progress of the Smelt-a-thon going on in Kewaunee and Manitowoc counties the weekend of May 19th and 20th. On both Saturday and Sunday there will be a bike race and run beginning at 9:30 each day and concluding around noon. Each day 15-20 people will be needed to monitor the roads and the racers. For your participation all will receive a free smelt lunch. James left a sign up sheet or you can contact him if you can help out. This is the first time we are involved with this run, so the more help, the better.

President Fred (W6BSF) also reminded everyone of the other events we are participating in this summer. July 21-22 is the Leukemia Bike-a-thon. Steve (N9PBL) is coordinating this event. As in the past we are asked to monitor both days. Ron (WS9X) is working on the Lighthouse Event to be held in Two Rivers at the Rawley's Point Lighthouse. This is going on Aug. 4-5th. More to come on this one.

Of course all are reminded of the Cobia Event coming up on April 28th and 29th. There will be 20 Boy Scouts from Illinois on board that night. Dan (N9FVZ) and his son along with a fellow ham from Ill. and his son will sleep over also. They will present a short program on ham radio to the scouts. As this is a contest for most contacts, all hams are invited to come down and spend some time operating the stations set up. There will also be an information table set up in the museum. Let's take first prize again this year.

**Ham members should take note that our moving day from the shack to our new home is soon to take place. Fred and Red (N9GHE) have been spending a lot of time packing up and sorting thru the shack. This should make moving a lot easier. Thank you.**

There will be monthly meetings held over the summer this year.

With all that is going on, it will be easier to report on the events and get the word out to all who attend. We will also be working on our new space to accommodate our equipment.

Last month at the Manitowoc City Council meeting a good number of ham members attended to express our desire to be exempted from the tower ordinance to be voted on. However, before the meeting even began, we were informed that we had gained exempt status. Thank you to all who took time out to attend.

Len (N9QFO) mentioned for anyone buying printer ink cartridges that the best price can be found at Quantum World in Sheboygan. Or go on line to DiscountInk.com.

Our attendance drawing was held. Rahlf was picked, but not there, so the pot goes to 15.00.

Fred brought in a video to watch during lunch. Our next meeting will be held at the bank on May 9th at 7:30.

We had a visitor to the meeting. Shawn Kurschner is studying for his ham test which he will be taking later this summer. Welcome, Shawn.

The meeting closed at 8:32. Motions made by Tom (KB9GRC) and Travis (KB9YRC).

### Attendance

Roger W9NPX	Bob KB9INK
Fred W6BSF	Len N9QFO
Dick N9QFY	Denise N4WKG
Theresa KB9KXE	Shawn (Visitor)
James KB9GOX	Travis KB9YRC
Mary KB9GOY	Tom KB9GRC
Ken K9HAG	Carl KA9WYK
Chris KB9VLS	Dan N9FVZ
John NZ9Z	

Submitted for Approval  
Theresa, KB9KXE, Secretary

## Quarter Century Wireless Association Southeastern Wisconsin Chapter 162

Larry McCalvy, WA9JMO  
5400 Six Mile Road  
Racine, WI 53402



Our May business meeting will be held on Monday, May 21, 2001 at the Meadow's Restaurant in Franksville, intersections of highways "K" and "H" beginning at 7 p.m.; 6:45 p.m. for those dining. We hope to finalize the balance of meeting dates and places for 2001, lay out the details for our June 23 & 24th Field Day outing, talk over the QCWA QSO party held on Saturday April 7th and get the latest update on the QCWA International Cruise Convention to be held 27 October to 4 November 2001.

I would like to welcome Edward Macke, WB9RJQ, Mundelein, IL and Thomas Jenkins, WB9WNZ, Gurnee, IL to Chapter 162 bringing our membership to 21.

Our picnic is slated for Sunday, August 19th at the home of Larry and Wendy McCalvy - Decision Farm, 5400 Six Mile Road, Racine from 1 to about 4 p.m. The Chapter will provide the melons; there will be roasted corn-on-the-cob, soft drinks, beer and three grills - 2 Gas and 1 charcoal. Everyone is asked to bring a dish to pass and your own meat to grill.

There are a lot of fish in the pond just waiting to be caught. Bring your fishing poles and an appetite; we are going to have a wonderful time.

73, Larry McCalvy,  
WA9JMO  
President, Chapter 162, QCWA

## Alaska and Nevada antenna bills progress through the pipelines

Continued from page 9

Affairs Committee. The measure now goes to Gov Tony Knowles for his signature, and Petty says he's confident the governor will sign the bill.

The Alaska Senate had passed SB 78 in March on a 20-0 vote. The bill, "An Act Relating to Municipal Regulation of Radio Antennas," was introduced by Sen Robin Taylor of Wrangell. It would incorporate the wording of the limited federal preemption known as PRB-1--calling on localities to "reasonably accommodate" amateur antennas--into Alaska's state statutes. It also includes a schedule of antenna heights, below which municipalities could not regulate, and it includes a "grandfather" provision to protect existing towers should a municipality enact a restrictive antenna ordinance.

Condensed from *The ARRL Letter*



## Senator Fred Risser to sponsor PRB-1 in Wisconsin Senate

Senator Fred Risser, after speaking with Wisconsin Section Government Liaison Jim Lackore, AD9X, has agreed to sponsor the PRB-1 legislation in the state Senate as a companion bill to Rep Joan Wade's bill in the Assembly.

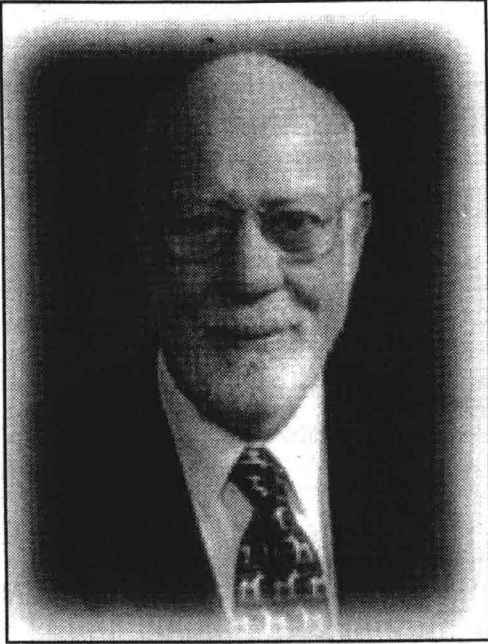
The bills still do not have their "official" Assembly or Senate numbers, but they will by the time you read this.

Please be sure to check the BSSS web site from time to time for news about the bills, hearings by committees, and see who has signed on either bill as cosponsor.

Thanks to Verne Teske, W9RYA, for working with Sen. Rick Grobschmidt,

Things are moving along at a rather fast pace, and it is difficult to keep up.

A tour of the Amateur Radio facilities at the state Department of Emergency Management is being scheduled for representatives and senators who would like to know more about Amateur Radio public service and emergency work. The tour is tentatively set for mid-May.



Sen. Fred Risser

## PRB-1 bill is now Assembly bill AB-368; Assembly committee sets mid-May hearing date

A public hearing on AB-368, a bill to codify FCC's Doctrine of Limited Federal Preemption with regard to Amateur Radio antenna towers in Wisconsin, will be held on Tuesday, May 15, at 10 a.m. The hearing is being held by the Committee on Urban and Local Affairs.

Those wishing to speak before the committee should be present no later than 9:50 a.m. There are four bills set to be discussed before AB-368. Be patient. Be prepared. Be succinct.

If you are not able to present your comments in person, you may submit them in written form to:

**Chair Scott Gunderson and members of the Committee on Urban and Local Affairs**

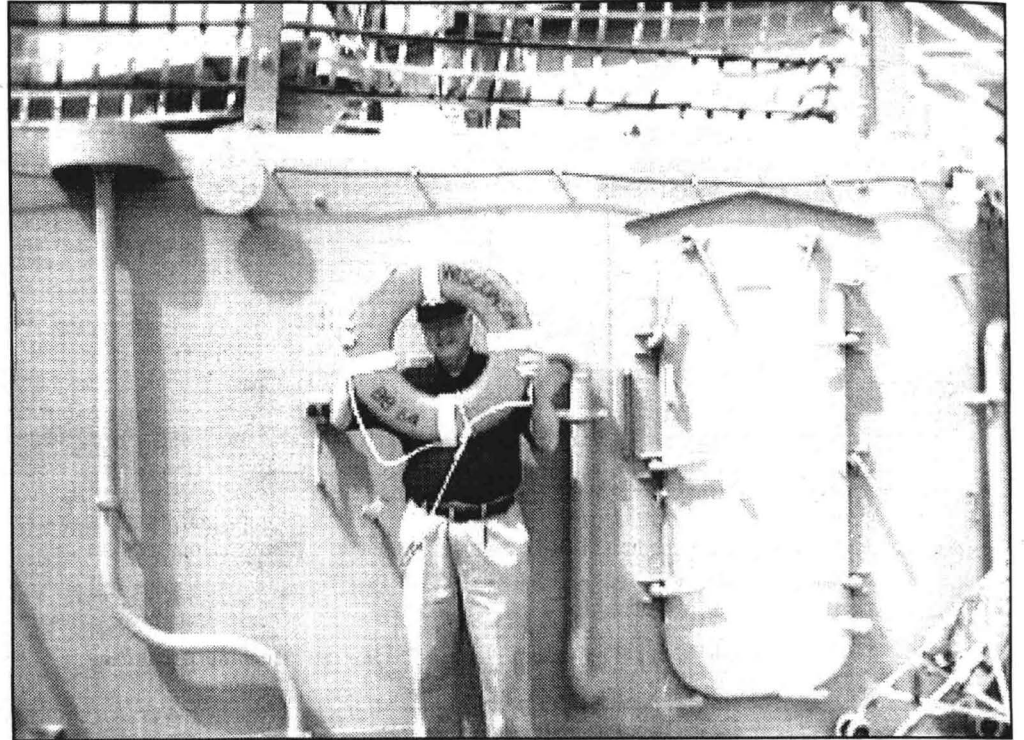
**c/o Rep. Joan Wade, P.O. Box 8953,  
Madison, WI 53708-8953.**

**Email or FAX comments:**

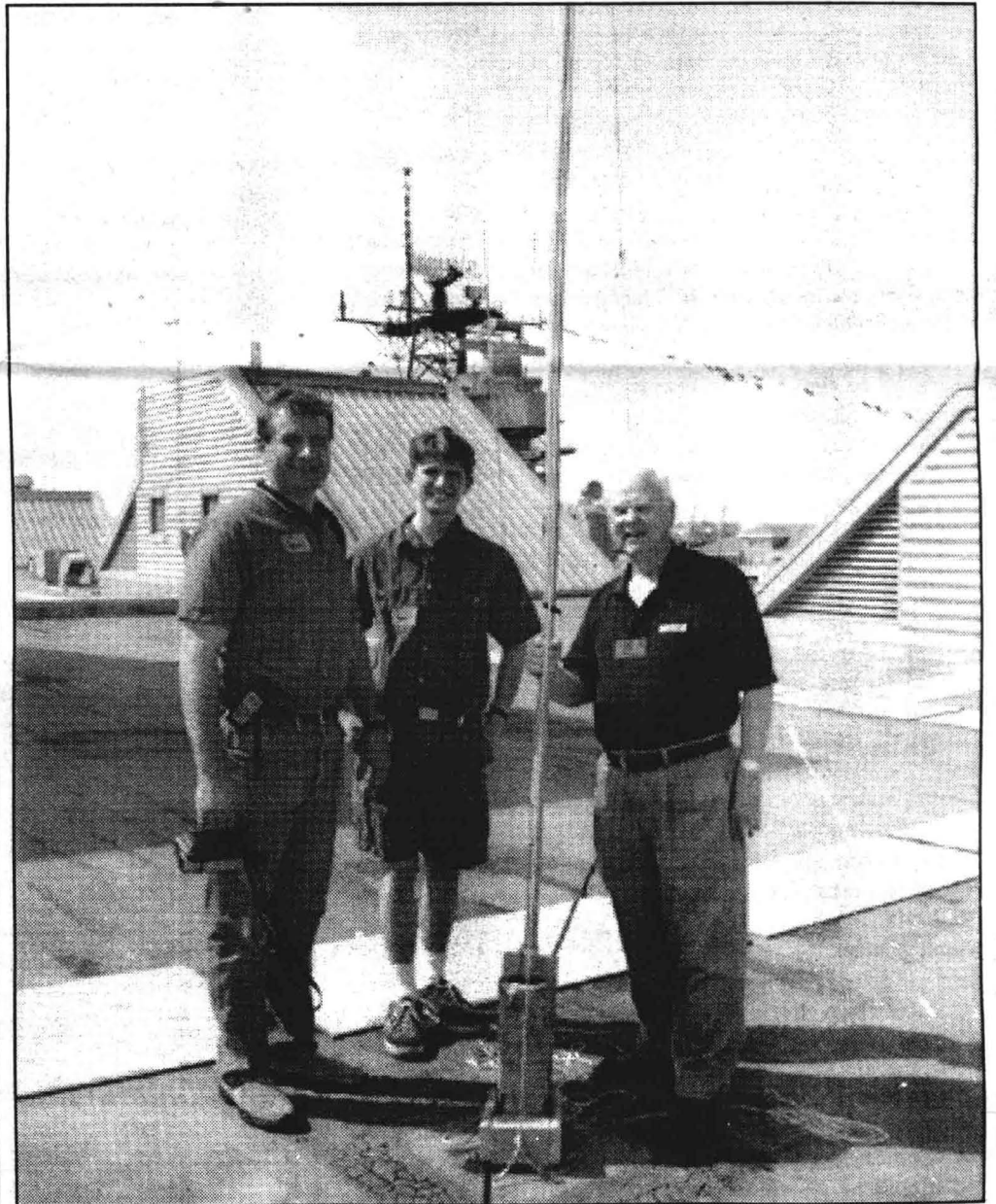
**Tanya.Hein @legis.state.wi.us**

**FAX number: 608.282.3642.**

## HAVING FUN AND MEETING VISITORS ON BB-64



The face might be a little hard to see. Inside the life preserver aboard the USS Wisconsin is the face of Bus Etheridge, K4IX. He tells he usually uses a toilet seat for photos like this. Seeing this photo made K9ZZ realize why the seat idea failed for a photo of himself. He forgot to take the lid off first.

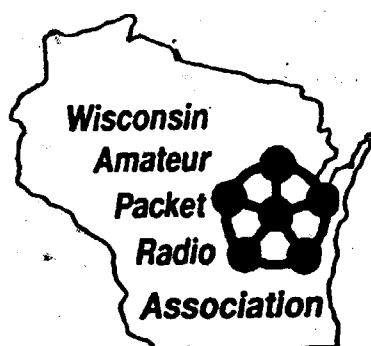


Ron Young, W8RJL, who took all the USS Wisconsin photos with this story, grabbed this frame of some visitors to Nauticus. Ross Reinhardt, KB9UTZ (center) and his father, Dave Reinhardt (left), who is thinking about getting a ham ticket, along with Bus, K4IX, are being shown the N4WIS antennas and hinged base vent pipe/mast adapter Bus designed and built just for the special event at Nauticus. BSSS thanks Bus, Ron and others, for the well written story, under pressure of deadline.

## Amateur antenna bills move forward in Alaska and Nevada

Amateur Radio antenna bills have made significant legislative headway in Alaska and Nevada. The Alaska bill is on its way to the governor, while the Nevada measure has cleared the Assembly and is bound for the state Senate.

Alaska Section Manager Kent Petty, KL5T, reports that Senate Bill 78 passed the House of Representatives 37-0 on April 19 after clearing the House Community and Regional



# THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association

Larry Shields, WD9ESU, Treasurer, W8929 Highway K, Lodi, WI 53555

Andy Nemec, KB9ALN, Editor • 453 Cottage Grove Avenue • Green Bay, WI 54304 • e-mail: kb9aln@juno.com

## WAPR News - May, 2001 by Andy Nemec, KB9ALN

Happy May Day to all readers of this column. Now maybe we will get beyond the "April Showers" stretch to see the Wisconsin summer in full bloom.

Last month I reported that Larry, WD9ESU fell victim to the winds of March. I am happy to report that Larry has his station back on the air. I am not sure if everything is back to the way it was before his tower was pushed over by the wind, but his call-sign has been appearing on BBS mail forwarding headers. This is good news, as he has been and continues to be a vital part of the Wisconsin Network.

There has been another temporary interruption of packet activity in Wisconsin to report, albeit a very temporary and not network-related. In Mid-April, Al, KB9BYQ reported that his internet gateway service provider, John, N9RJZ was discontinuing his packet radio internet gateway interface. The story behind this is a long one. This change did temporarily prevent internet access through Al's internet gateway. The radio network part of Al's considerable node stack was not affected. However, the gateway is popular in Northeastern Wisconsin and was missed by a lot of packet operators. Al reports that he has since gotten the gateway back on the air and should have all of the services operation by the time you read this. I would like to thank John for his investment in time, radios and peripheral equipment. His provision of Internet access sure has made packet radio more fun in Northeast Wisconsin.

On to yet another response from January's Packet Radio survey that appeared here in the Badger State Smoke Signals. Dave, KB9PRF from Hartland found a back issue of the BSSS at the AES Superfest and was surprised to find the survey in that issue. Pleasantly surprised, in fact. Dave was also kind enough to respond with his answers to the survey questions.

Dave reports that there is a regular bunch in his area that operate on 145.030 MHz (the statewide keyboard-to-keyboard, non-BBS frequency). He got interested in packet when one of his friends, Steve KB9PVH talked about the great fun he was having on the K9VSO gateway. He set up a packet station 2 years ago and has been hooked since.

He finds personal mail service, file transfers, keyboard chats, reading BBS messages and experimentation to be the most fun on packet.

He reports that he has not had any trouble setting up or operating his packet station, and still uses it. If he had to stop using packet for some odd reason, he would definitely go back to it.

He also said something very interesting - he almost likes packet more than the internet. The reason? If you leave a message on a mailbox-style PBBS, you can go back to it, retrieve it, edit it, and then put it back on the PBBS. When was the last time you were able to "take back" a message and resend it on the internet? Chances are, never.

I thank Dave for his response and hope he continues to have fun with packet. And I am always happy to get responses from anyone concerning this survey. I have yet to hear from anyone who has stopped using packet, and would ask regular readers to pass this survey on to former packet operators for their comments. After all, they are the best source of info about those who have left our preferred mode of amateur operation.

As always, I am happy to get any packet news. Mail

your news and comments to me at one of the addresses at the top of this page.

That's all for this month. Until next time, 73 from Andy.

## Net/Rom Node Information for the Sysop Part Two by Andy Nemec, KB9ALN

This series is intended to assist TheNet (Net/Rom) node operators understand the complexities of the X-1J series of nodes used widely throughout Wisconsin. We'll discuss each of the commands intended for node Sysops alphabetically. Part one started with the ACL command, and we continue our discussion in Part Two.

To Re-Cap:

ACL is a mechanism for controlling access and functions of the node based on call-signs. This is done based on two numerical values, the "Mask" value and the "Default" value.

Permit or Deny?

The ACL list of call-signs can be configured as an "Access" list or a "Deny" list. It all depends on the Default and Mask values you use. Naturally, one must be very careful when using it, a Sysop could very well lock him or herself from the node if the command is not entered correctly. This means that a trip to the node site may be necessary to reset the node before radio access can again be gained.

The Default Value.

This is a number chosen that reflects a "no action taken" in response to call-signs that match this value. For example, if you enter your own call-sign with the default value, you get access under all circumstances. If you enter a call-sign with a value higher than the Default value, it is subject to evaluation with the Mask Value.

The Mask Value.

This value tells the node which ACL functions are to be used. This is based on the bit values mentioned in Part One. Mask values are these bit values plus 1. Look at the list of these values in part one while we discuss the Mask.

The Deny List Configuration.

Let's say that we want the Default Value to be 0, and we want a Mask value of 127. Now let's suppose we have a distant node that is not a good path, one that we wish to prevent from connecting to the node. In our example, the node call is WX9BAD-5. We will enter a default value and then assign a value of 127 to this call-sign with these commands (executed in the Sysop mode):

ACL \* 0 < Assigns an ACL Default value ACL & 127 < Assigns an ACL Mask value ACL WX9BAD + 127 < Enters this call-sign and value to the ACL list

This means that WX9BAD will not be able to make an incoming or outgoing AX.25 connection (necessary to initiate a Net/Rom circuit), and will ignore the SSID. This corresponds to bit 0 +1, bit 1 +1, and bit 6 +1, which is 127. The mask means that your our node will only bar incoming and outgoing AX.25 connections, and will ignore the SSID of the listed station when checking the call-sign.

Now we can get a little tricky. I mentioned before that it is possible to keep everyone (including the sysop)

## WISCONSIN AMATEUR PACKET RADIO MEMBERSHIP APPLICATION

PLEASE PRINT:

NAME: \_\_\_\_\_ CALL: \_\_\_\_\_ HOME PHONE: (\_\_\_\_) \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

HOME BBS: \_\_\_\_\_ FREQ: \_\_\_\_\_ (Listing your home BBS is important)

MY PACKET STATION OPERATES: \_\_\_\_\_ DAY \_\_\_\_\_ NIGHT \_\_\_\_\_ 24 HOURS

I OPERATE A: \_\_\_\_\_ DIGIPEATER WITH AN ALIAS OF: \_\_\_\_\_

\_\_\_\_\_ FULL SERVICE BBS

PRIMARY PACKET INTEREST/EXPERTISE IS: \_\_\_\_\_

\_\_\_\_\_ YES: I want to receive Badger State Smoke Signals and I understand that part of my dues will go to pay the subscription. Cost \$20.00.

\_\_\_\_\_ NO: I do not wish to receive Badger State Smoke signals as part of WAPR membership. Cost \$15.00.

Complete and return this form with your check or money order — \$15.00 for membership only or \$20.00 for membership and Badger State Smoke Signals, made payable to W.A.P.R. to:

Larry Shields, WD9ESU, Treasurer,  
W8929 Highway K  
Lodi, WI 53555



from connecting to the node. Let's say, for example, that I am the Sysop of this node. I can prevent this from happening by the addition of this command:

ACL KB9ALN + 0

This places may call-sign at the Default level and the Mask value (hence ACL) has no effect when the node encounters my call-sign.

The Access List.

We can also select Default and Mask values to achieve the opposite effect. Let's say that our node wishes to communicate with another node for Level 3 and 4 connections. We'll call this node WX9GUD-5. Here are what the commands look like for ACL access list:

ACL \* 7 < Set the Default value at 7 ACL & 0 < Set the Mask value at 0 - No Mask used  
WX9GUD-5 + 64 < Set the ACL Value for this station to 64

Now we are guaranteed to be able to connect and make Level 3 and 4 connections to WX9GUD-5. Note that we have not set the "Ignore the SSID" Bit, so this entry only applies to WX9GUD-5. WX9GUD-3 would not be permitted these privileges.

Why?

There are reasons for doing this, mostly for network management. In the first example, we denied access to and from a node that is unreliable. In the second, we guaranteed access to a known, reliable node and made sure it was part of the network.

Removing an ACL Entry.

Call-Signs are added to the ACL List with the "+" modifier, and removed with the "-" modifier. No other information need be entered when removing a call-sign from the list.

To change or deactivate the Default or Mask values, just enter a new value of 0. Here are a few examples:

ACL WX9BAD - < Removes WX9BAD from the ACL list.  
ACL \* 0 < Removes the Default value.  
ACL & 0 < Removes the Mask value.  
ACL - < Shuts off all ACL functions

WAPR Recommendations:

ACL is difficult to understand and can be tricky to implement. For that reason, WAPR recommends you not use it if there is another way to accomplish your goal. As was cautioned before, you can effectively lock yourself and everyone else out of the node if you don't get it right.

This has happened, and it made for quite a problem when trying to change anything on this node. If you must use it, be sure to make certain that you use the above example of 0 default, your desired mask, and set several call-signs as 0 so that selected Sysops can connect to the node.

I say "selected Sysops" just in case something happens when you are out of town or something prevents you from operating the node. You should have at least two other people set up to be able to Sysop the node if something keeps you from maintaining the node. Otherwise, your node may be inaccessible to the rest of the network.

In part 3, we'll continue our discussion with Aliases. Until then, 73 from Andy.

## THE TEST POINT

(continued from page 3)

Waukesha WI - KMRA Swapfest  
Waukesha WI - Midwinter Swapfest



## Yellow Thunder Amateur Radio Club

WB9FDZ (Original Club Call)  
K9ODK (Robert L. Prine Memorial Call)

Club net: Sundays 8:00 p.m. on 147.315

Raymond J. Matlosz, N9MLZ, Secretary  
450 W. 2nd St., Reedsburg, WI 53959-1500



The April 3, 2001 meeting of the Yellow Thunder Amateur Radio Club was called to order at 7:42 p.m. (although some others would say it was more like 7:49) by Club President Steve Schulze, N9UDO.

The minutes of the March 6, 2001 meeting were approved although I just noted that had already been done last month meaning we had approved the February 6, 2001 minutes and the minutes should be so corrected. Bill Klinkner, N9KXX, club secretary gave the treasurer's report. The club now has thirty five paid members.

OLD BUSINESS: Zilch breakfast March 25th was well attended and a good time was had by all, although not everyone knew everybody there. It was suggested that introductions be done at future brunches. Steve Schulze gave an update on the power supply situation at the repeater, the QSO party held at his QTH, the EC Packet station. Bob King memorial was tabled for next meeting.

NEW BUSINESS: Pete Sweeney, WD9JIB, gave an update on the EC meeting held March 15th. Next ARES meeting will be May 17. Sauk County ARES net 7:30 Sunday night 147.315 PL 123. Jim Paul, N9LKY gave a report on the last BATS meet-

ing. Next Zilch breakfast 10 a.m. April 22, 2001 at the farm kitchen. Fox Hunt May 1st meeting.

Meeting adjourned at 8:27 p.m.

NEXT MEETING: Tuesday MAY 1, 2001 - FOX HUNT. Meet 6 p.m. at the Baraboo Civic Center. Hunt starts at 6:30. Regular meeting follows the Hunt in room 18. The next Zilch Breakfast will be at 10 a.m. at the Farm Kitchen Sunday April 22, 2001.

Respectively submitted:  
Raymond J Matlosz, N9MLZ  
Club Secretary

The following members were present:

Peter Sweeney	WD9JIB	Reedsburg
David Spearing	KB9CSW	Portage
Jim Paul	N9LKY	Baraboo
Steve Schulze	N9UDO	Baraboo
Raymond Matlosz	N9MLZ	Reedsburg
Tom Harrison	N9PQJ	Reedsburg
Leonard Wagner	N9XJG	Baraboo
Bill Klinkner	N9KXX	Sauk City

Dubuque IA - Hamfest

See the Swapfest page for additional information and contact persons.

IN THE NEIGHBORHOOD

DUBUQUE, IOWA

Dubuque Hamfest. Contact: Carl Clark, N0KAX, 2145 Delicia Drive, Dubuque, IA 52001. (319) 557-9149.

ROCKFORD/LOVES PARK, IL

Third Saturday of every month. Northern Illinois Volunteer Examiners (W5YI VEC). Held at North Suburban District Library, 6340 North Second St. (Hwy. 251), Loves Park, IL. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Contact: Rusty Cordell, WB9QYV, 1823 Hulin St., Rockford, IL 61102-2619. (815) 968-0080. e-mail WB9QYV@aol.com

MINNESOTA TEST INFORMATION

From The Ground Wave, Saint Paul Radio Club

Saint Paul Radio Club (SPRC)

TESTING: First Saturday of the month, 8:30 a.m. Contact: Ed VanCleave, W0VC, (612) 636-0108 Test Site: St. Paul Technical College 235 Marshall Ave. St Paul, MN. <http://www.qsl.net/sprc/index.html>

Anoka Amateur Radio Club (AARC)

TESTING: Second Saturday of the month, 9 a.m. Contact: Craig Johnson, AA0ZZ (612) 483-3143 Test Site: Blaine City Hall 9150 Central Ave NE Blaine, MN Bloomington Office of Emergency Management

Bloomington Amateur Radio Club (BARC)

TESTING: Fourth Saturday of the month, 9 a.m. Contact: Dan Royer, KE0OR (612) 888-9756 Test Site: Fire Station No. 1 94th St. & Nicollet Avenue S. Bloomington, MN

Valley Amateur Radio Club (VARC)

TESTING: Second Thursday of the month, 7 p.m. Contact: Bill Martin, A10D (612) 432-0438 Test Site: Hayes Community Center 14601 Hayes Road Apple Valley, MN

W5YI Group

TESTING: Third Tuesday of the month, 6:30 p.m. Contact: Dave Ranney, N0AXL (612) 542-2553 Test Site: Eden Prairie Library 479 Eden Prairie Drive Eden Prairie, MN

SE Metro Area Radio Club (SEMARC)

TESTING: Third Saturday of the month, 9 a.m. Contact: Dave Harrell, K0BTE (612) 459-8678 Test Site: Cottage Grove fire Station 8641 80th ST., S Cottage Grove, MN.

The times and places listed above are the usual time and place for each VE team. Occasionally, sessions are canceled or changed. It is a good idea to call ahead to confirm the test time and place.

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules. Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to [kebnetter@palacenet.net](mailto:kebnetter@palacenet.net).

A bear went into a bar and ordered a beer. He gave the bartender a twenty and the bartender went to the other end of the bar to put the money in the register.

The second bartender whispered to the first, "He's a bear, what does he know, short change him." A little while later the bartender starts talking to the bear, and mentions, "We don't get many bears in this bar."

The bear replies, "I'm not surprised, at \$10 a beer, I sure won't be back again."

Via ARNS bulletin

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# SWAPFESTS



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2001 ♦ July 7

(Held every July)

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[www.ns9rc.org](http://www.ns9rc.org)  
North Shore Radio Club / Box 1066 Highland Park, IL / 60035

Eau Claire Amateur Radio Club

**HAMFEST 2001**

**Saturday, June 9, 2001**

For Information Contact:  
Jim Staatz KG9RA at 715-838-9108  
P.O. Box 1867 Eau Claire, WI 54702-1867

<http://www.ecarc.org> w9eau@ecarc.org

Ozaukee Radio Club  
**23RD ANNUAL RADIO AND  
COMPUTER SWAPFEST**  
Saturday, May 5, 2001

8 a.m. to 1 p.m. • Circle B Recreation Center  
Intersection of Highway 60 and County I  
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5119 W. Willow Rd., Brown Deer, WI 53222  
Swapfest sponsored by the Ozaukee Radio Club  
W55 N865 Cedar Ridge Drive • Cedarburg, WI 53012

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